Research Scientist / Academic Researcher  
Stepp Lab for Sensorimotor Rehabilitation Engineering

Minimum Qualifications:
- M.S. and/or PhD in speech, language, and hearing sciences, biomedical engineering, neuroscience, computer science, biology, or a related field, or equivalent practical experience
- Strong professional communication skills in spoken and written English
- Previous deep experience in a lab environment
- Demonstrated ability for problem solving and critical thinking
- Ability to collaborate with a multidisciplinary team of scientists, engineers, and clinicians
- Dedicated to building, maintaining, and promoting a collaborative, diverse, inclusive, equitable, and just environment within and beyond Boston University

Preferred Qualifications:
- Experience in speech acoustics, speech-language pathology, audiology / hearing science
- Experience in signal processing and statistics
- Experience in LGBTQIA+ topics
- Experience in human subject research, clinical research coordination and recruitment, and IRB application preparation and management
- Lived experience in any of the areas of study
- Fluent in MATLAB or another high-level language (e.g., Python)

About the Job:
The Stepp Lab for Sensorimotor Rehabilitation Engineering at Boston University is hiring a full-time Research Scientist. The Research Scientist will collaborate with the lab director to lead and support research in areas related to voice and speech motor control, acoustic features of voice and speech production, communication outcomes in gender diverse speakers, and functional measurements of voice and speech in health and disease. They will act as the associate director of the lab, leading the lab's pre- and post-award research administration, management and coordination of lab staff, high-level management of participant enrollment, IRB maintenance, and finances. The Research Scientist will also serve as the primary point person to facilitate communications among the clinical and investigator teams, and with the college's administration to develop and adhere to project milestones for research projects. As appropriate, this Research Scientist will have opportunities for lab-related clinical practice and/or development or maintenance of their own independent program of research.

Responsibilities:
Research Administration, Project Management, and Leadership – 50%
- Act as the associate director of the lab, directing activities of research trainees, research staff, and student workers.
- Manage project staff to oversee participant enrollment and data collection.
- Manage IRB approvals of study protocol(s) and any needed amendments and continuing reviews.
- Prepare grant-related progress reports.
- Develop and maintain documentation for lab activities.
- Maintain detailed information to inform grant project management and expense projections.
- Proactively identify issues affecting budget or schedule.
• Collaboratively interface with faculty, external collaborators, research participants, staff, and trainees, to promote alignment across work described above.

Contributions to clinical and/or research endeavors – 50%
• Participate in data analysis and manuscript preparation.
• Author and/or co-author peer-reviewed papers and abstracts as well as participate in the dissemination of research findings through presentations at national and/or local conferences for scientific and non-scientific audiences.
• Collaborate with the lab director on research grant submissions.
• Opportunities for lab-related clinical work, independent research endeavors (including support for development of external grant applications), and/or teaching.

The Research Scientist will sustain and support a culture of integrity and operational excellence which celebrates diversity of individuals and ideas and which values accountability, collaboration, and innovation.

About the Environment:
Boston University (BU) Sargent College of Health and Rehabilitation Sciences is one of the country’s leading schools of health and rehabilitation sciences. Home to more than 1,300 undergraduate and 450 graduate students, Sargent College combines outstanding faculty and cutting-edge research to provide superb education and clinical experiences. The college has more than 25 on-campus research facilities, clinical centers, and labs. It offers top-ranked degree programs in occupational therapy, physical therapy, speech, language and hearing sciences, health science, athletic training, human physiology, behavior and health, and nutrition. Sargent College believes the cultural and social diversity of our community is vitally important to our academic mission of excellence. We welcome candidates who support our commitment to ensuring BU is an inclusive, equitable, and diverse place where everyone can thrive.

Additional Details:
The salary will be commensurate with background and experience. Employees will receive full benefits that Boston University offers in accordance with the position and appointment term. Full-time employees of BU are also eligible for extensive tuition remission benefits and participation in courses at BU is encouraged based on scheduling of job duties. Appointments will be for 1 year, although ideal candidates will stay longer (renewal dependent on continued excellent performance in meeting the required duties and continued availability of funds).

DO NOT APPLY THROUGH THE BOSTON UNIVERSITY HR WEBSITE.

Please submit a cover letter, curriculum vitae, and contact information for three references to the following contact: Zoe Perkins, perkinsz@bu.edu

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, national origin, physical or mental disability, sexual orientation, gender identity, genetic information, military service, pregnancy or pregnancy-related condition, or because of marital, parental, or veteran status. We are a VEVRAA Federal Contractor.